

Title (en)

INK, INK CARTRIDGE, AND IMAGE RECORDING METHOD

Title (de)

TINTE, TINTENPATRONE UND BILDAUFZEICHNUNGSVERFAHREN

Title (fr)

ENCRE, CARTOUCHE D'ENCRE ET PROCÉDÉ D'ENREGISTREMENT

Publication

EP 3124559 A1 20170201 (EN)

Application

EP 16179403 A 20160714

Priority

JP 2015149975 A 20150729

Abstract (en)

An ink of this invention contains a self-dispersible pigment having a phosphonic acid group bonded directly or through another atomic group to the surface of the self-dispersible pigment, polyurethane resin particles, a monovalent inorganic salt, and water.

IPC 8 full level

C09D 11/102 (2014.01); **C09D 11/322** (2014.01); **C09D 11/38** (2014.01)

CPC (source: EP US)

B41J 2/175 (2013.01 - US); **B41J 2/2107** (2013.01 - US); **C09D 5/08** (2013.01 - US); **C09D 11/037** (2013.01 - US);
C09D 11/102 (2013.01 - EP US); **C09D 11/322** (2013.01 - EP US); **C09D 11/38** (2013.01 - EP US); **C09D 11/52** (2013.01 - US)

Citation (applicant)

- JP 2012233163 A 20121129 - CANON KK
- JP 2005515289 A 20050526

Citation (search report)

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- [A] US 2013027463 A1 20130131 - OGASAWARA MASASHI [JP], et al
- [A] EP 2662422 A1 20131113 - CANON KK [JP]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3124559 A1 20170201; JP 2017031395 A 20170209; US 2017029641 A1 20170202; US 9889674 B2 20180213

DOCDB simple family (application)

EP 16179403 A 20160714; JP 2016139721 A 20160714; US 201615220319 A 20160726